

COOPERATIVE MAPPING

Agreement approved by Australia March 6, 1947, and by the United States April 4, 1947

Entered into force April 4, 1947

Department of State files

CO-OPERATIVE MAPPING AGREEMENT BETWEEN UNITED STATES AND THE COMMONWEALTH OF AUSTRALIA

SECTION I

Purpose

1. The purpose of this Agreement is to obtain, with minimum duplication of effort, aerial photography and other data for the preparation of maps of certain areas of mutual interest to the United States and the Commonwealth of Australia.

SECTION II

Work to be Undertaken by the United States

2. The United States proposes to undertake a program of aerial photography and ground control as follows:

a. Aerial Photography

(1) Trimetrogon photography for aeronautical charting of Papua and British New Guinea in accordance with specifications contained in Part 2, "Specifications for Aerial Photography",¹ General Headquarters, United States Army Forces, Pacific, 22 April 1946.

(2) Photography for large scale mapping in accordance with specifications contained in Section I, Part 1, "Specifications for Aerial Photography", General Headquarters, United States Army Forces, Pacific, 22 April 1946, of the following areas: Admiralty Islands, Bismarck Archipelago, Solomon Islands.

(3) Photography for cultural detail in accordance with specifications contained in Section II, Part 1, "Specifications for Aerial Photography",

¹ Specifications not printed.

General Headquarters, United States Army Forces, Pacific, 22 April 1946, of selected portions of the above areas; the selection of such areas to be based on examination of the trimetrogon and large scale mapping photography to determine the necessity for photography of larger scales.

b. *Ground Control*

(1) Recovery and establishment of ground control for aeronautical charting of Papua and British New Guinea, such control to consist normally of astronomic stations at approximately 50-mile intervals, supplemented by intermediate control by Shoran methods.

(2) Recovery and establishment of ground control for large scale mapping of the Admiralty Islands, Bismarck Archipelago, Solomon Islands, and in accordance with "Specifications for Photomapping Ground Control Surveys, Pacific Asiatic Theater", dated 26 April 1946.

c. *Strength and Disposition of United States Mapping Forces*

For the purpose of determining facilities required, it is estimated that the following United States Army Forces will be employed on this program continuously or intermittently as may be directed by weather and other conditions:

(1) One flight of a reconnaissance squadron, VLR Photo, or equivalent, with attached maintenance personnel of a total personnel normally not exceeding 200; to be based 200 at Manus and to operate from time to time from advance bases at Port Moresby, Finschhafen, Madang, Darwin, Townsville and such other bases within the area to be mapped as may be required.

(2) One flight of a geodetic control squadron of approximately equivalent strength and similarly disposed.

(3) One engineer base survey company of normal strength of 216 officers and men, operating in detachments in such localities as may be required.

SECTION III

Work to be Undertaken by the Commonwealth of Australia

3. This agreement does not require that the Commonwealth of Australia shall undertake aerial photography or the establishment of ground control in the areas stated in Section II above. It does require, however, that the Commonwealth of Australia shall furnish certain facilities stated in Sections IV and V below; and that, should the Commonwealth of Australia elect to undertake aerial photographic or ground control operations in these areas, such operations shall be co-ordinated with those of the United States to insure against duplication of effort and to make provision for mutual exchange of data.

SECTION IV

Joint Operations

4. Should the Commonwealth of Australia elect at any time during the course of the operations described herein to assign personnel and facilities for the accomplishment of aerial photography and ground control, the work shall be performed in accordance with mission or area assignments and specifications mutually agreeable to the Commander in Chief, United States Army Forces, Pacific, and the Chiefs of the Australian Air and Army Staffs or their designated representatives. Data obtained from such operations shall be made available to the United States as provided by Section VI below.

SECTION V

Facilities to be Furnished by the Commonwealth of Australia

5. *At Active Airfields.* The Commonwealth of Australia agrees to the use by the United States Army of such airfields as may be maintained in an active status in areas under Australian jurisdiction, including Darwin and Townsville, furnishing without reimbursement, to the extent that such facilities may be available, joint use of billets, shops, radio communication services, weather station service, aircraft fueling facilities, and, in addition, maintenance of runways and parking areas.

6. *At Inactive Airfields.* The Commonwealth of Australia agrees to the use by the United States Army, without reimbursement, of such facilities as may exist.

7. *Joint Use of Common Facilities.* At such places as the Commonwealth of Australia may maintain military, naval, or other public establishments within the area to be mapped, the elements of the United States Army Forces engaged in the mapping program will be permitted to use, without reimbursement, billets and administrative and operational facilities, including water transportation, wharfage, cargo handling facilities and terminal warehousing, to the extent that these facilities may be available. At such establishments within the area as may have been abandoned or maintained on caretaker status only, the United States Army Forces engaged on the mapping program will be permitted to use existing facilities without reimbursement.

SECTION VI

Exchange of Materials

8. The following material resulting from photographic and ground control operations described herein shall be exchanged between the United States and the Commonwealth of Australia without reimbursement, except as provided in paragraph 9 below:

a. The results of ground control operations, in the form of control data cards containing descriptions and positions of astronomic observation stations and geodetic control stations.

b. Duplicate negatives (or positives as preferred) of all photography, other than that of six-inch focal length, conforming to agreed specifications or accepted as substantially conforming to those specifications.

c. Duplicate negatives (or positives as preferred) and/or multiplex diapositives and prints of six-inch focal length photography, conforming to agreed specifications or accepted as substantially conforming to those specifications.

d. Sortie or mission plots showing areas covered by all aerial photographic missions, such plots to accompany deliveries of negatives and/or diapositives.

e. Results of gravity and magnetism determinations and tidal observations undertaken in connection with the mapping operations described herein.

9. Aerial film exchanged between the United States and the Commonwealth of Australia in pursuance of this Agreement shall be subject to reimbursement at the actual cost of film only.

SECTION VII

Extension of Agreement

10. Should the United States or the Commonwealth of Australia jointly or independently undertake mapping operations of areas of the Southwest Pacific under the jurisdiction of the Governments of Great Britain, the Netherlands, France and Portugal, the provisions of this Agreement relative to the use of bases under Australian jurisdiction, and, subject to the agreement of the Third Power concerned, to the mutual exchange of data specified in Section VI above, shall be extended to include such areas.

SECTION VIII

Approval and Termination

11. This Agreement shall become effective upon approval by the Government of Australia and the Commander in Chief, United States Army Forces, Pacific and may be terminated by either party upon notification to the other.

Concurrences:

By the Prime Minister, Commonwealth of Australia, by letter to Commander-in-Chief, Far East, dated 6 March 1947.²

By Commander-in-Chief, Far East, by letter to the Prime Minister, Commonwealth of Australia, dated 4 April 1947.²

² Not printed.